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INFORMATION DISCLOSURE STATEMENT BY APP

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LOSCICE		Filing Date	February 15, 2000
	LICANT	First Named Inventor	Masahiro KUME
a	ry)	Art Unit	2828
		Examiner Name	Delma R. Flores Ruiz
	1	Attorney Docket Number	740819-337

Complete if Known

09/504,782

740819-337

	U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No. ¹	U.S. Patent Document Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
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Spr		JP 11-068256	03-09-1999	Sano		Abstract & Partial Translation	
7		JP 2-214182	08-27-1990	Kamisato		Abstract	
7		JP 63-198390	08-17-1988	Kobayashi et al.		Abstract	
1		JP 63-034991	02-15-1988	Kobayashi et al.		Abstract	
		JP 60-016489	01-28-1985	Kuroda et al.		Abstract	
Sw		JP 11-251685	09-17-1999	Hatakoshi et al.		Abstract	
	<u> </u>	OTHER PRIOR A	ART – NON PATENT	LITERATURE DOCUMEN	rs	<u> </u>	
Examiner Initials	Cite No. ¹		urnal, serial, symposium	ERS), title of the article (when a catalog, etc.)., date, page(s), ver country where published.			
	NOTICE OF REASONS OF REJECTION (DATED APRIL 8, 2003)						

Date Signature Considered

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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE	Application Number	09/504,782			
	Elling Data	February 15, 2000			
STATEMENT BY APPLICANT	First Named Inventor	Masahiro KUME			
(use as many sheets as necessary)	Art Unit	2828			
	Examiner Name	Delma R. Flores Ruiz			
Sheet 1 of 1	Attorney Docket Number	740819-337			

	U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No. ¹	U.S. Patent Document Number - Kind Code ² (if Pnown)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
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Ma		JP 11-068256	03-09-1999	Sano		Abstract & Partia Translation
		JP 2-214182	08-27-1990	Kamisato		Abstract
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] 		JP 11-251685	09-17-1999	Hatakoshi et al.		Abstract
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		OTHER PRIOR	ART – NON PATENT	LITERATURE DOCUMEN	TS ·	
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U. artment of Commerce
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Atty Docket 740819-33

Serial No. 09/504,782

INFORMATION DISCLOSURE STATEMENT

Applicants: Masahiro KUME et al.

Filing Date: February 15, 2000

Group Art Unit: 2828

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	<u>Translation</u> Yes No
Ma	06-152046	05/31/1994	JP			- Part Eng
77	07-335969	12/22/1995	JP			Eng Abst
	09-083067	03/28/1997	JP			Eng Abst
	09-205253	08/05/1997	JP			Eng Abst
	09-232685	09/05/1997	JP ·	-		Eng Abst
	49-104590	10/03/1974	JP .			Part Eng
Drin	62-282474	12/08/1987	JP			Eng Abst

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial

Notice of Reasons of Rejection, Patent Application No. 2000-021277, Mailing Date: July 23, 2002, with English translation

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Form PTO-1449 I.S.Depai Atty Docket 740819-337 OCT 1 5 2002 Patent and Trademark Office Serial No. 09/504,782 (Rev. 8-83) INFORMATION DISCLOS Applicants: Masahiro KUME et al. RE STATEMENT PRADEN Filing Date: February 15, 2000 **Group Art Unit: 2828 FOREIGN PATENT DOCUMENTS** Examiner **Document Number** Date Country Class **Subclass Translation** Initial Part Eng 06-152046 05/31/1994 JP Eng Abst 12/22/1995 07-335969 JP Eng Abst 03/28/1997 09-083067 JP Eng Abst 08/05/1997 09-205253 JP Eng Abst 09/05/1997 JΡ 09-232685 Part Eng 10/03/1974 JP 49-104590 Eng Abst 12/08/1987 JP 62-282474 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Examiner Initial Notice of Reasons of Rejection, Patent Application No. 2000-021277, Mailing Date: July 23, 2002, with English translation TECHNOLOGY CENTER 2800

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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this formwith next communication to applicant,

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	Document Number	Date	Country	Class	Subclass	Translation Yes No	
Sara	6-140724	5/20/94	Japan			Abstract	
ì	6-152046	5/31/94	Japan			Abstract	
	7-202320	8/4/95	Japan		a	Abstract	
	7-321406	12/8/95	Japan			Abstract	
Sm	7-335973	12/22/95	Japan			Abstract	
	OTHER DOCUME	NTS (Includir	ng Author, Title, Date, Per	tinent Pages	Etc.)		
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Sill	6-1	40724	5/20/94	Japan	<u> </u>		Abstract
	6-1	52046	5/31/94	Japan			Abstract
		02320	8/4/95	Japan			Abstract
XVIII	_	21406	12/8/95	Japan			Abstract
Sym C	7-3	OTHER DOCUME	12/22/95	Japan	inant Dage	<u> </u>	Abstract
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